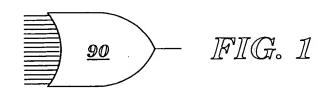
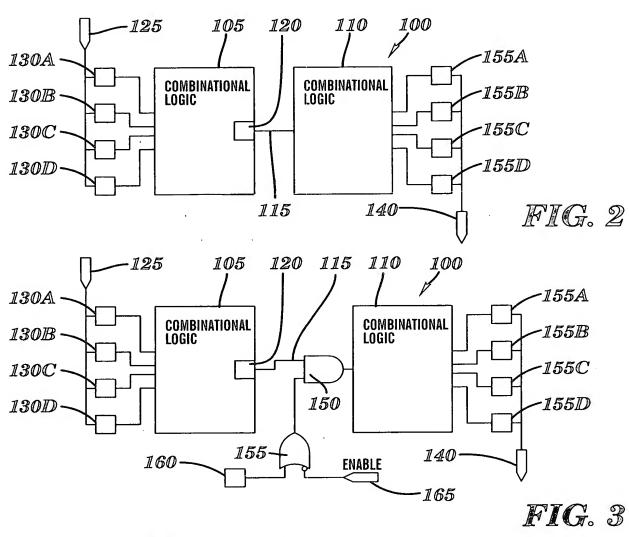
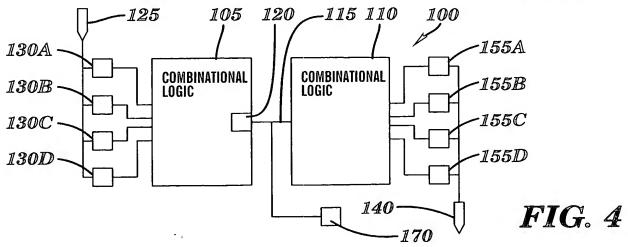
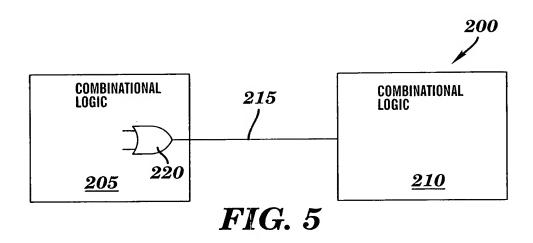
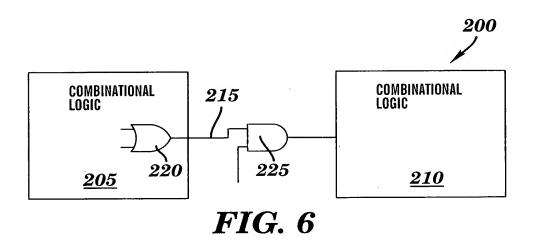
1/5 LACKEY et al. BUR920000170US1 RAW











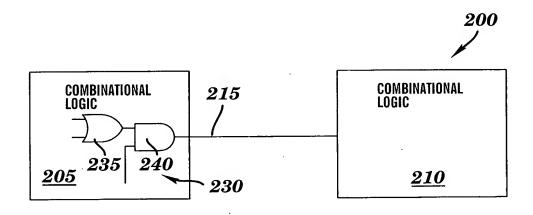


FIG. 7

REPLACEMENT TABLE

GATE IN LIBRARY (DRIVER CELL)	CONTROL TO O REPLACEMENT	CONTROL TO 1 Replacement	OBSERVE Replacement
OR2	OA21	OR3	OR2
A	A D Z	$ \begin{array}{c} A \longrightarrow D \longrightarrow Z \\ C \longrightarrow D \longrightarrow Z \end{array} $	$\begin{array}{c} A \longrightarrow D \longrightarrow Z \longrightarrow \\ Latch \end{array}$
AND2	AND3 #1	AO21	AND2
$ \begin{array}{c} A & \longrightarrow \\ B & \longrightarrow \\ \end{array} $	$ \begin{array}{c c} A & & \\ B & & \\ C & & \\ \end{array} $	A D C Z	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
AND2	AND3 #2		
$ \begin{array}{c} A \longrightarrow Z \\ B \longrightarrow Z \end{array} $	$ \begin{array}{c c} A & \hline B & \hline C & \hline \end{array} $		
COMPLEX	COMPLEX	COMPLEX	COMPLEX
			D

FIG. 8

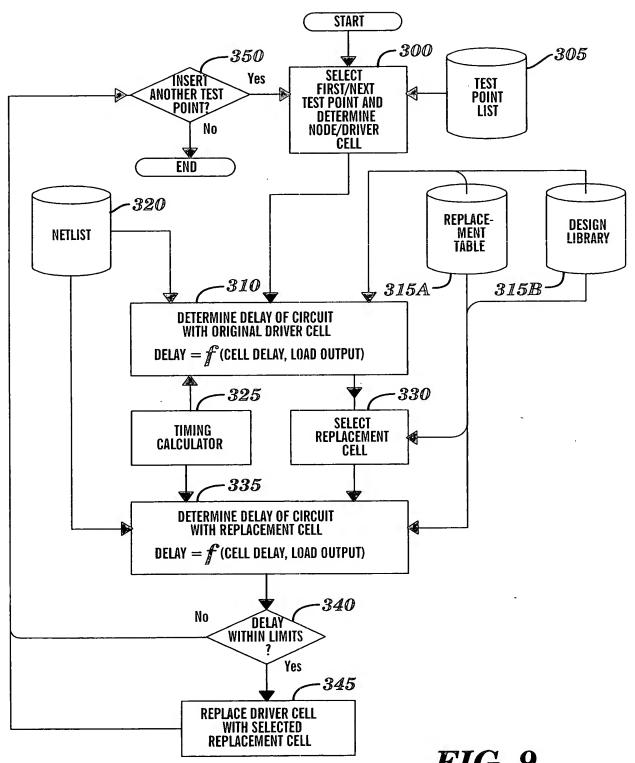


FIG. 9

